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L. G. CRAFT
KNITTING NEEDLE
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Fig. 1.

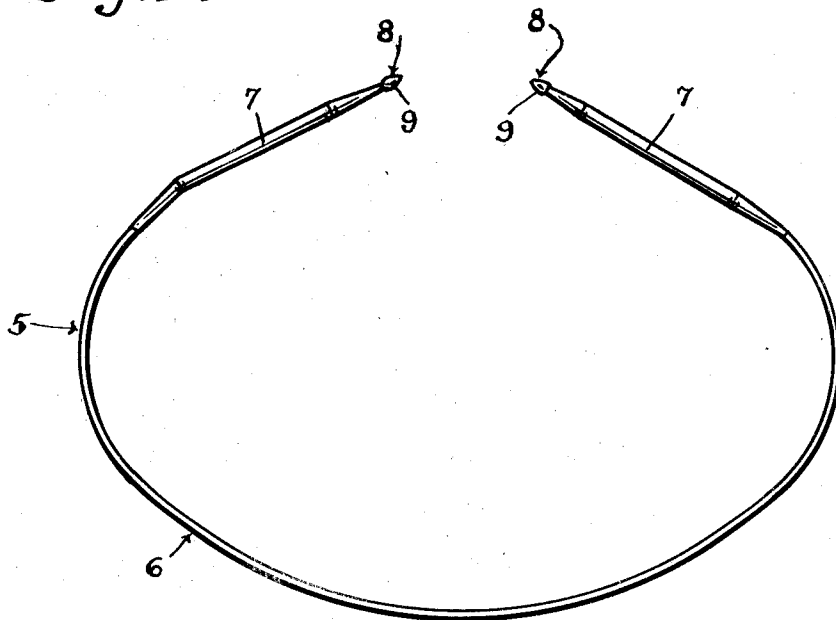
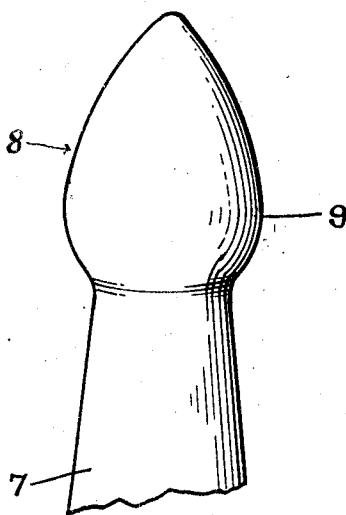


Fig. 2.



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KNITTING NEEDLE

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1 Claim. (Cl. 66—117)

This invention relates to knitting needles and more particularly to circular knitting needles.

The primary object of this invention resides in the provision of a circular knitting needle adapted to pick the yarn up and carry it through the loops previously formed without losing the same during the knitting operation.

Another object of this invention resides in the provision of a circular knitting needle adapted to readily retain the yarn thereon upon being picked up for drawing it through the loops previously formed and to release the same without retarding the knitting operation.

A further object of this invention resides in the provision of a circular knitting needle consisting of means adapted to insure positive and rapid operation in knitting by hand.

With these and other objects in view this invention resides in certain novel features of construction and arrangement of elements to be hereinafter more fully set forth in the specification, illustrated in the accompanying drawing and pointed out in the appended claim and, while this disclosure depicts my present conception of the invention, the right is reserved to resort to such changes in construction as come within the scope of the claim.

In the accompanying drawing forming a part of this application:

Fig. 1 is a side view of a circular knitting needle as constructed in accordance with this invention.

Fig. 2 is an enlarged side view of one of the heads thereof.

In the present illustration of this invention the numeral 5 designates, in general, a circular knitting needle formed from any suitable material and is herein shown as consisting of an arcuate body portion 6 preferably of round configuration in cross section and increasing in diameter adjacent its free ends to form hand grips

7 which have their opposite ends tapered, the inner ends thereof being disposed tangentially to the major portion of the handles.

Formed on the outer extremities of the aforesaid hand grips 7 are particularly constructed opposed heads 8 each of which preferably being of substantially frusto-conical configuration. The surface of each head diverges gradually from its rounded apex on an arcuate line to form an annular shoulder at 9 from which portion it converges inwardly on an arcuate line, the radii of which is of lesser length than that of the leading portion to establish a certain degree of resistance against the normal pull on the yarn as it is being drawn through the loops previously formed. This structure permits the heads 8 to be easily and smoothly thrust through the loops while knitting and, upon withdrawing the same, the yarn will be pulled sufficiently to tighten the loops thereby eliminating loose loops throughout the completed fabric.

With this invention fully set forth it is manifest that a circular knitting needle is provided which will not only insure positive retention of a strand of yarn thereon while passing it through the loops previously formed but will readily release the same without retarding the knitting operation.

Having thus described my invention what I claim and desire to protect by Letters Patent is:

An article of manufacture in the form of a knitting needle formed from a substantially slender piece of material having its opposite ends merged into enlarged portions terminating at their opposite ends in heads comprising substantially elongated frusto-conical portions and having their minor portions of greater diameter than their major portions and disposed inwardly of lines passing cross-wise through points midway between the extremities of the heads.

LESLIE G. CRAFT.